Dropsonde Scientist

Flight ID	% 140824H2 Mission ID 1309A										
Dropsonde	Dropsonde Scientists 8. Klotz										
AVAPS Operators McAlister											
patterns for illustrated o problems, et sole HRD	ad Project Scientist (LPS) on the P3 is responsible for determining the distribution of dropwindsonde releases. Predetermined desired data collection patterns are in the flight patterns. However, these patterns are often altered because of clearance to. Operational procedures are contained in the operator's manual. On the G-IV the person is designated the LPS. The following list contains more general ary procedures to be followed. (Check off or initial.)										
Preflight											
1.	Determine the status of the AVAPS and HAPS or workstation. Report results the LPS.										
	Confirm the mission and pattern selection with the LPS and assure that enough dropsondes are on board the aircraft.										
3.	Modify the flight pattern or drop locations if requested by AOC to accommodate changes in storm location or closeness to land.										
<u> </u>	Complete the appropriate preflight set-up and checklists.										
In-Flight											
$\frac{\checkmark}{2}$ 1.	Operate the system as specified in the operator's manual.										
	Ensure the AOC flight director is aware of upcoming drops.										
3.	Ensure the AVAPS operator has determined that the dropsonde is (or is not) transmitting a good signal. Recommend if a backup dropsonde should be launched in case of failure.										
4.	Report the transmission of each drop and fill in the Dropwindsonde Scientist Log.										
Post flight											
<u></u>	Complete Dropwindsonde Scientist Log.										
<u>_/</u> 2.	Download all raw and processed AVAPS files to thumbdrive										
<u>J</u> 2.	Brief the LPS on equipment status and turn in completed forms and thumbdrive.										
4.	Debrief at the base of operations.										
5.	Determine the status of future missions and notify MGOC as to where you can be contacted.										

N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm Harvly Dropwindsonde Scientists B, Klotz Page 1 of 1													
Flight ID 20170824H2 Flight Director M. Holmes Takeoff from Lakeland at 1435 UTC													
Mission ID 1309A AVAPS Operators McAlister Recovery at Lakeland at 2222 UTC													
Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind clos to surface dir/spd	e hgt	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #		
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Note: if at Station 2, do not click link on desktop to AVAPS PRETMARY > idean + nork Channel 12 BFs work, 14 doesn't > Aoc only bring 12's on flight if they know this